



TRA-DET INC.

P. O. BOX 2019  
WHEELING, WV 26003-0219  
(304) 547-9094  
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LABORATORY ANALYSES

**SHIPPING ADDRESS**  
RD #2, BOX 227A  
BATTLE RUN ROAD  
TRIADDELPHIA, WV 26059-9609

American Energy Corporation  
Century Mine  
43521 Mayhugh Hill Road Twp. Hwy. 88  
Beallsville, OH 43716  
Attn: Mr. Fred Blumling

30-Sep-08

By:   
TraDet, Inc.

Company: American Energy Corporation

Sampled By: QES (WD)

Plant: 017 STP

Date & Time Sampled: 09-08-08 1410

Source: Effluent

Date & Time Received: 09-09-08 0830

Analysis Number: 0809160

PARAMETER	CONCENTRATION		DATE & TIME ANALYZED	ANALYST	METHOD		MDL	
Temperature	23	°C	09-08-08 1410	QES (WD)				
Dissolved Oxygen, Field	10	mg/L	09-08-08 1410	QES (WD)				
pH, Field	7.6	S.U.	09-08-08 1410	QES (WD)				
Total Suspended Solids	<4.0	mg/L	09-09-08 1630	MY	2540D [2]	4.0	mg/L	
Ammonia Nitrogen (as N)	0.22	mg/L	09-10-08 1530	WB	4500NH <sub>3</sub> C [1]	0.07	mg/L	
*CBOD - 5 day	<1.9 **	mg/L	09-10-08 1130	MY	5210B [2]	1.9	mg/L	

\*CBOD was taken off 22.5 hours past recommended time due to power outage.

\*\*2.6ml of 0.025N Sodium Sulfite added to remove residual chlorine

MDL: Method Detection Limit

[1] Standard Methods, 18th Edition [2] Standard Methods, 20th Edition [3] US EPA [4] ASTM [5] EPA SW846

AEC 14914